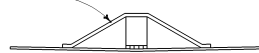


SECTION B-B

See back brace details and Note 2

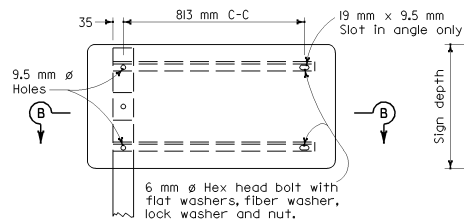


SECTION C-C

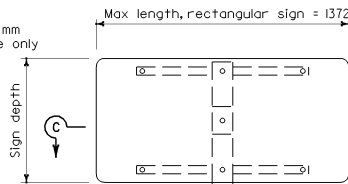
Wood block spacer -
19 mm x 89 mm x 150 mm for
610 mm - 882 mm width signs
38 mm x 89 mm x 150 mm for
940 mm - 1372 mm width signs
No blocks required on signs less than
457 mm in depth. See Note 2.



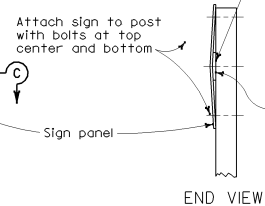
SECTION D-D



UNBALANCED

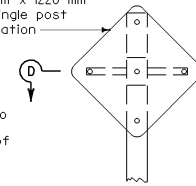


BALANCED

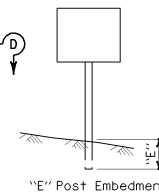


END VIEW

Max diamond sign =
1220 mm x 1220 mm
for single post
installation



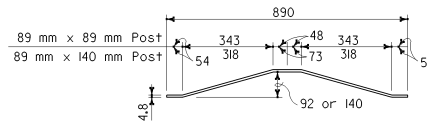
BALANCED



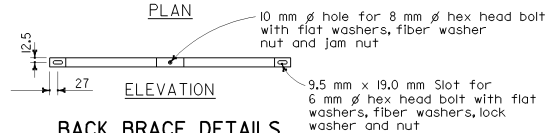
"E" Post Embedment

SINGLE POST INSTALLATION

See Note 5 regarding breakaway feature for single post installations.



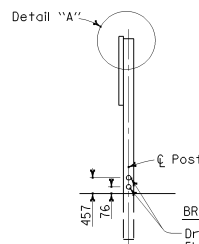
PLAN



ELEVATION

BACK BRACE DETAILS

See Note 2



BREAKAWAY FEATURE

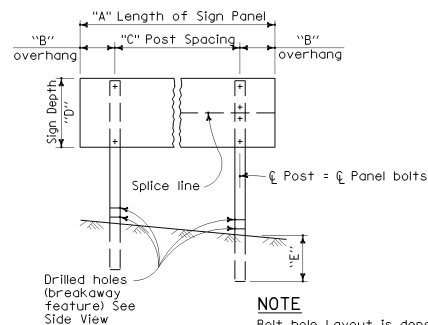
Drill 76 mm holes in 140 mm x 184 mm post,
51 mm holes in 140 mm x 140 mm post, and
38 mm holes for 89 mm x 140 mm posts.
Orient hole axis parallel to axis of sign.
See Note 6 for tolerances of drilled holes.

SIDE VIEW

*7.9 mm Diameter for single sheet aluminum panel signs.

9.5 mm Diameter for laminated panel signs or framed single sheet aluminum panel signs

DETAIL A



ELEVATION

NOTE

Bolt hole layout is dependent on type of panel. Drill holes in post to match panel.

TWO POST INSTALLATION



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET TOTAL NO. SHEETS

REGISTERED CIVIL ENGINEER

July 1, 2004
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

REGISTERED PROFESSIONAL ENGINEER
Title: Senior
No. C42892
Exp. 03-31-2009
CIVIL
STATE OF CALIFORNIA

POST SPACING TABLE			
SIGN PANEL LENGTH	SIGN PANEL OVERHANG	POST SPACING	
"A"	"B"	"C"	"D"
(mm)	(mm)	(mm)	(mm)
1,420 - 1,670	175 - 300	1,070	
1,830 & 1,980	300 & 375	1,230	
2,135 & 2,285	375 & 450	1,385	
2,440	450	1,540	
2,590	500	1,590	
2,740	550	1,640	
2,890	575	1,740	
2,540	610	1,320	
3,200	610	1,980	
3,350, 3,500, 3,660	610, 685, 765	2,130	
3,810	765	2,280	
3,960	765	2,430	
4,110, 4,420	765, 920	2,580	
4,270, 4,420	840, 915	2,590	
4,720, 4,870	915, 990	2,890	
5,030	990	3,050	
5,180, 5,330	990, 1,065	3,200	
5,490, 5,640	1,065, 1,140	3,360	
5,790	1,140	3,510	
5,940, 6,100	1,140, 1,220	3,660	
6,250, 6,400	1,140, 1,215	3,970	
6,550	1,215	4,120	
6,700, 6,850	1,215, 1,290	4,270	
7,010	1,290	4,430	
7,160, 7,310	1,290, 1,365	4,580	

POST EMBEDMENT	
POST SIZE (mm)	"E" (mm)
89x89	1100
89x140	1400
140x140	1550
140x184	1850

NOTES

- Place long dimension of post cross section normal to sign axis. See Section C-C.
- Balanced single post installations of unframed single sheet aluminum panel signs shall have block spacers if 457 mm or more in depth and a combination of block spacers and back braces if 457 mm or more in depth and 864 mm or more in width. Sign panels less than 457 mm in depth and 864 mm or more in width shall have back braces only.
- For post size see sign layout, format or quantity sheets.
- Balanced single post installations of Laminated Panel and Framed single sheet panel signs require back braces when 864 mm or more in length.
- Breakaway feature for single post installation shall be the same as the breakaway feature shown for the two post installation.
- Tolerance for diameter of drilled holes in breakaway feature is ± 3 mm.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ROADSIDE SIGNS-WOOD POST TYPICAL INSTALLATION DETAILS No. 2

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

RS2